

Section I

Support

PROJECT MANAGERS

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SUMMARY

Mission Support, Project Baseline Summary (PBS) OT01, consists of four sub-projects:

- Operational Planning (WBS 1.8.2.1)
- Systems Engineering & Integration (WBS 1.8.2.2)
- Environmental Compliance (WBS 1.8.2.3)
 - The Environmental Compliance Program is composed of two elements. These two elements were stand-alone programs known as the Hanford Environmental Management Program (HEMP) and the Effluent and Environmental Monitoring Program (EEM) prior to FY99. Although there is a single program, these elements retain their identity on the Integrated Priority List as two separate Units of Analysis.
- Public Safety and Resource Protection (WBS 1.8.2.4)

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of July 31, 2001. All other information is as of August 22, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that twenty-seven milestones (93 percent) were completed on or ahead of schedule, 1 milestone (3.5 percent) was completed late, and 1 (3.5 percent) is overdue. The overdue milestone was deleted per RL direction and will be documented via a BCR.

NOTABLE ACCOMPLISHMENTS

OPERATIONAL PLANNING

(FORMERLY BUDGET & PERFORMANCE ANALYSIS (B&PA))

IPABS Update – Operational Planning coordinated efforts with RL to input updates to the site summary level milestones and cost baseline information in the DOE-HQ IPABS system. Minor modifications remain including those that may come from RL's final review. Efforts are also underway to evaluate the life cycle cost changes resulting from this baseline update.

FY 2003 Budget Submittal Pricing Validation – Operational Planning coordinated with the Projects data requests received from RL in support of the FY 2003 Budget Submittal Pricing Validation audit. The Waste Management and Spent Nuclear Fuel projects are scheduled for pricing validations August 15-16, 2001.

Baseline Cost Profile Review – Operational Planning established a joint team with Finance and Contracts to review the FH Baseline cost profiles submitted June 30, 2001 for consistency with the FH contract and current roles and responsibilities. During the two week review from July 16-August 2, 2001, the team identified an over-statement of approximately \$6 billion in administrative errors in reflecting life cycle costs included in the baseline submittal. On July 31, 2001 the results of the team's review were documented and transmitted to RL-Mission Planning Division's (MPD) integration and submittal for the annual Environmental Management's Life cycle Update in Integrated Planning, Accountability, and Budgeting System (IPABS).

Support to the Integrated Lifecycle Baseline Update Deliverable - During this reporting period, Operational Planning produced the criteria for the development of an FH Summary Schedule (FHSS). The FHSS is an electronic summarization of the Projects' P3 detail schedules. The schedule criteria was reviewed and concurred with by RL-MPD. In addition, a set of products were proposed and agreed to by RL for delivery as part of the Lifecycle Baseline Planning Update due September 30, 2001. Guidance was subsequently provided to the Projects' scheduling leads for their individual portions of the summary schedule and addressed coding requirements, milestone listings, a list of significant project interfaces, a status on system modifications required to support product development, and reconciliation to cost targets.

Performance Execution and Reporting Module (PERM) Status - The Performance Execution Module (PEM) FY 2001 June Status Report was delivered on July 25, 2001 as scheduled through the electronic batch feed to the DOE-HQ IPABS-PEM. Performance data is collected monthly from all RL contractors and transmitted via PERM to DOE-HQ.

Funds Management –Operational Planning continued to obtain FYSF and Estimate at Completion (EAC) data from the projects on a monthly basis to analyze projected PHMC spending in comparison to available funds. Meetings were held with the major project areas to review forecasts and identify potential issues. Presentation formats for exhibiting funds management status have been initiated for the Resource Management Board in support of its decision-making efforts to maximize clean-up work while controlling spending within available funds.

Environmental Management Performance Report (EMPR) Submittal – The monthly Report, which included May 2001 cost/schedule data and other information, was delivered to RL on July 9, 2001, and distributed to all other addressees in bound copy on schedule on July 17, 2001.

FH Internal Project Reviews – Operational Planning continued its support to the management and administration of the Internal Review held on July 23, 2001. Operational Planning took responsibility for the preparation of the Overview portion of the Review (addressing such topics as Company Level Safety, Staffing, Direct Cost and Schedule performance, Indirect Cost/Liquidation status, Funds Management, PIs performance and Issues), and also managed the administrative details to ensure the meeting was conducted efficiently.

SYSTEMS ENGINEERING AND INTEGRATION (SEI)

SE&I worked with the FH Projects to provide the required deliverables from the DOE Implementation Plan for DNFSB Recommendation 2000-2, *Configuration Management of Vital Safety Systems*. SE&I is coordinating the update of the technical baseline data for the September 2001 Integrated Baseline Planning deliverable. This update includes the work necessary to ensure that the requirements from the new RL *Environmental Management Specification* are properly allocated to the technical baseline functions and then to the FH WBS dictionaries.

SE&I also provided support to the August 15, 2001 Integrated Planning, Accounting, and Budgeting System (IPABS) data feed.

ENVIRONMENTAL COMPLIANCE PROGRAM (ECP)

The Notice of Construction (NOC) application for the T Plant facility complex was determined complete by Ecology at a status meeting for the project, RL, and Ecology. Ecology provided an advance copy of the draft regulatory order (i.e., air permit) for facility/project review and comment.

Environment and Regulation (E&R) provided support to RL and FH General Counsel during this period in technical response development to questions raised by the Confederated Tribes of the Umatilla Indian Reservation (CTUIR) regarding Ecology's issuance of the PFP Polycube Air Toxic approval order. A meeting was held on July 26, 2001 with Dr. John Cox (a technical reviewer and representative for the CTUIR) to discuss a joint (Ecology/RL) white paper response to his questions. Based on the positive outcomes from the last meeting, it is anticipated that closure can be achieved in advance of the scheduled formal hearing date (i.e., January 29, 2002) with the Pollution Control Hearings Board (PCHB).

E&R staff served as lead action coordinator to assemble a site-wide response to the Notice of Correction (NOC) received from Washington Department of Health (WDOH) regarding the need for procedures to assure that indication devices associated with radioactive air emission stack/vent systems are properly observed. The NOC also noted the need for procedures to ensure that the data are tracked, and trended (evaluated) to assure the

systems are operating as designed. This was a month-long effort to assemble FH Project consensus and address contractual work scope issues associated with the required response actions and procedures.

E&R assisted RCP regarding response to WDOH questions concerning "D&D" actions apparently proceeding at the 325 Building without having an approved NOC for such work. A meeting with WDOH was arranged and discussions supported to demonstrate to WDOH that operations at the 325 Building have not permanently ceased, such that actions appearing as D&D are actually the final portions of waste handling and disposition supporting wrap-up of the latest operations. WDOH accepted this explanation and was assured that an NOC will be processed before actual D&D begins.

E&R provided RCP with support regarding clean air compliance strategy for cutting and lifting of contaminated water tank in the 300 Area. Spot contamination was observed and was to be cleaned up as part of routine housekeeping, thus avoiding the need for air permitting for that phase of the work. However, once the tank was lifted, discovery of broad-scale contamination on the surfaces of the tank and support structures required NOC coverage to proceed. The site-wide HEPA Vacuum NOC was confirmed as adequate to cover the permitting of the work for radioactive air compliance.

As requested by RL, the site wide response was prepared for WDOH regarding HEPA filter compliance with the ASME AG-1 design standard. The primary HEPA filter supplier for the Hanford Site is temporarily unable to provide AG-1 certified filters due to use of a new urethane component. Contacts were made with WDOH wherein they agreed to work with the site to issue a temporary waiver of the compliance under specified conditions. The letter requesting the waiver is nearly ready for signoff/transmittal.

On July 18, 2001, a new version (3.2) of the Chemical Management System (CMS) was successfully implemented. This version (3.2) will be submitted to the Production Readiness Review Board approval for production; new features include separation of the functions for approving chemicals for buildings and definition of the limits for various hazardous products that can be assigned to a building.

Site-Wide Compliance and Issue Resolution - Modification F of the Hanford Facility RCRA Permit: Ecology's proposed permit modification was issued for public review on July 25, 2001. The proposed modification incorporates the 222-S Laboratory Complex into the RCRA Permit. A draft review schedule has been developed and was discussed at a review kickoff meeting held on July 27. FH's proposed comments are due to RL on August 31, 2001 for RL submittal to Ecology by September 10, which is the end of the public comment period.

Air Operating Permit (AOP): A second meeting was held with Ecology and WDOH on July 25 to discuss the complicated permit modification process. Progress is being made. Tom Todd of Ecology, their lead for Title V Air Operating Permits, commented that the "key" (logic diagram) prepared by E&R staff to assist in determining modification types was a model that he would like to use for other AOPs.

Responses were prepared for eight non-reportable releases of a hazardous substance or a petroleum product released to the environment. All of these releases were cleaned up and disposed of per state and federal requirements. There were no reportable events with a release to the environment and four reportable code non-compliance events were reported directly to the regulators by the FH Environmental single point-of-contact (POC) through the Occurrence Notification Center recorded phone line.

Milestone ECP-01-906, Quarterly NESHAP Status Report to RL for EPA, was completed and transmitted to the customer on July 3, 2001, twenty seven days ahead to the July 30, 2001, due date.

Milestone ECP-01-305, RCRA Permit Class I Mod Notification, Quarter 4 was delivered to RL on June 25, 2001 (8 days ahead of schedule). The notification was delivered to Ecology on July 10, 2001 to satisfy RCRA Permit Condition I.C.3.

The Environmental Compliance Workshop Series provides current information and discussion on compliance. July topics were "Site Personnel Dealing with Regulatory Agency Inspectors/Inspections" and "Assessing & Inspecting Dangerous Waste Tank Systems." Approximately 40 personnel from FH, FFS, Bechtel Hanford, Pacific Northwest National Laboratory, CH2M Hill Hanford, and RL attended each session.

E&R coordinated and provided the State Assistant Attorney General and Ecology personnel a tour of WRAP, T Plant, Central Waste Complex, Low-level burial grounds, and 222-S.

PUBLIC SAFETY AND RESOURCE PROTECTION (PSRP)

Public Safety and Resource Protection Program staff members E.J. Antonio and T.M. Poston were awarded the National Environmental Excellence Award for Environmental Management. The award was conferred by the National Association of Environmental Professionals and signed by the Deputy Assistant Secretary for Environment, Raymond P. Berube. The recognition was for their work on the DOE-HQ, Biota Dose Assessment Committee and the development and documentation of a "Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota". Program monitoring and dose assessment activities served as a test bed during the development and application of the methodology.

The *2000 Site Environmental Report* received the APEX 2001 Communication Award for Excellence. L. F. Morasch, R. W. Hanf, and K. R. Neiderhiser were honored. APEX is a national communications award competition for publication excellence that covers newsletters, magazines, annual reports, brochures and Web sites. The award follows a similar international award recently received for the Site Environmental Report.

ISMS STATUS

Nothing to report at this time.

CONDUCT OF OPERATIONS

Nothing to report at this time.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Nothing to report at this time.

Opportunities for Improvement

Nothing to report at this time.

UPCOMING ACTIVITIES

- Work is in progress, and on schedule, for the following ECP Milestones:
 - ECP-01-804, Annual Environmental Release Report (due August 31, 2001)
 - ECP-01-202, NEPA Status Report (due September 28, 2001)
 - ECP-01-203, Update NEPA Source Guide (September 28, 2001)
 - ECP-01-301, RCRA General Facility Inspections (September 28, 2001)
 - ECP-01-414, HVU Assessment Report to RL (September 28, 2001)
- Comments on the draft NEPA Characterization Report, Rev 13 were received from the peer reviewers on schedule and the comments were collated and distributed back to the authors for resolution. RL comments are pending resolution of peer review comments. The report is on schedule to be completed by the September 28 milestone date.
- The annual *Site Environmental Report for CY 2000*, which is currently entering into the production stage, remains on schedule for completion and distribution in September 2001.

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MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	4	0	0	0	0	0	0	4
DOE-HQ	0	0	0	0	0	0	0	0
RL	17	6	1	1	0	11	0	36
Total Project	21	6	1	1	0	11	0	40

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-01-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 20, 2000 – Completed three days early.
ECP-01-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2001 – Completed on January 3, 2001, 26 days early.
ECP-01-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 23, 2001 – Completed on April 6, 2001, 17 days early.
ECP-01-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2001 – On schedule.
DNFSB Commitments		
	Nothing to report at this time.	

MILESTONE EXCEPTION REPORT

NUMBER/WBS	LEVEL	MILESTONE TITLE	BASLINE DATE	FORECAST DATE
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Overdue – 1

RL-OT01-5106	RL	Conduct bi-annual survey of ecological Compliance	6/29/2001	N/A
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Cause: This milestone was deleted per RL direction. A Baseline Change Request is being prepared to document the deletion.

Impact: None.

Corrective Action: None.

Forecast Late - 0

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FY 2002 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-02-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 19, 2001
ECP-02-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2002
ECP-02-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 19, 2002
ECP-02-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2002
DNFSB Commitments		
	Nothing to report at this time.	

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

YELLOW

By PBS	FYTD								PEM	EAC
	BCWS	BCWP	ACWP	SV	%	CV	%			
Mission PBS OT01 Support WBS 1.8.2 Other MYPs	\$ 19,318	\$ 17,282	\$ 21,114	\$ (2,036)	-10.5%	\$ (3,832)	-22.17%		\$ 23,785	\$ 22,570
Total	\$ 19,318	\$ 17,282	\$ 21,114	\$ (2,036)	-10.5%	\$ (3,832)	-22.17%		\$ 23,785	\$ 22,570

FY TO DATE SCHEDULE / COST PERFORMANCE

The unfavorable schedule variance of \$2.0M (11 percent) is due to planned workscope not being performed per RL direction. The unfavorable cost variance of \$3.8M (22 percent) is due to erroneous planning.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$2.0M)

Description/Cause: OT01's unfavorable schedule variance of 11 percent is caused by not performing planned work scope (Conduct bi-annual survey of ecological compliance) in the Public Safety & Resource Protection program per RL direction.

Impact: None.

Corrective Action: A BCR is being prepared to document deletion of this scope.

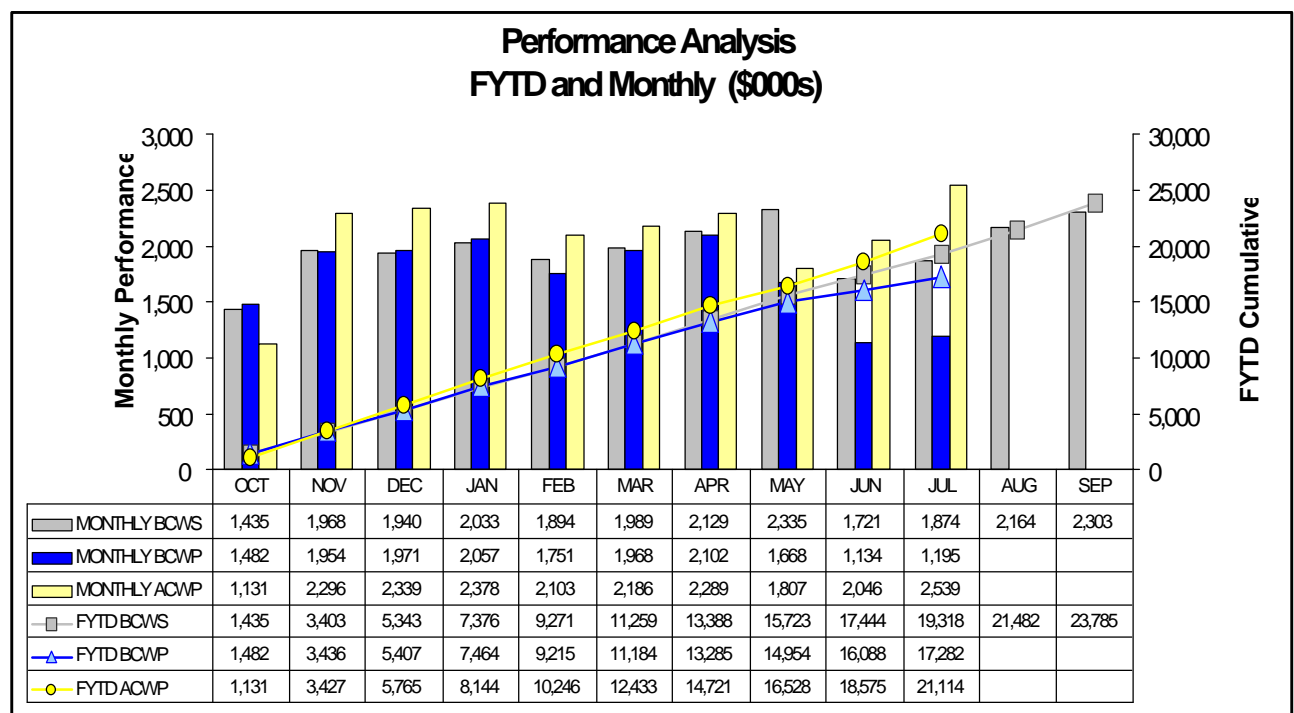
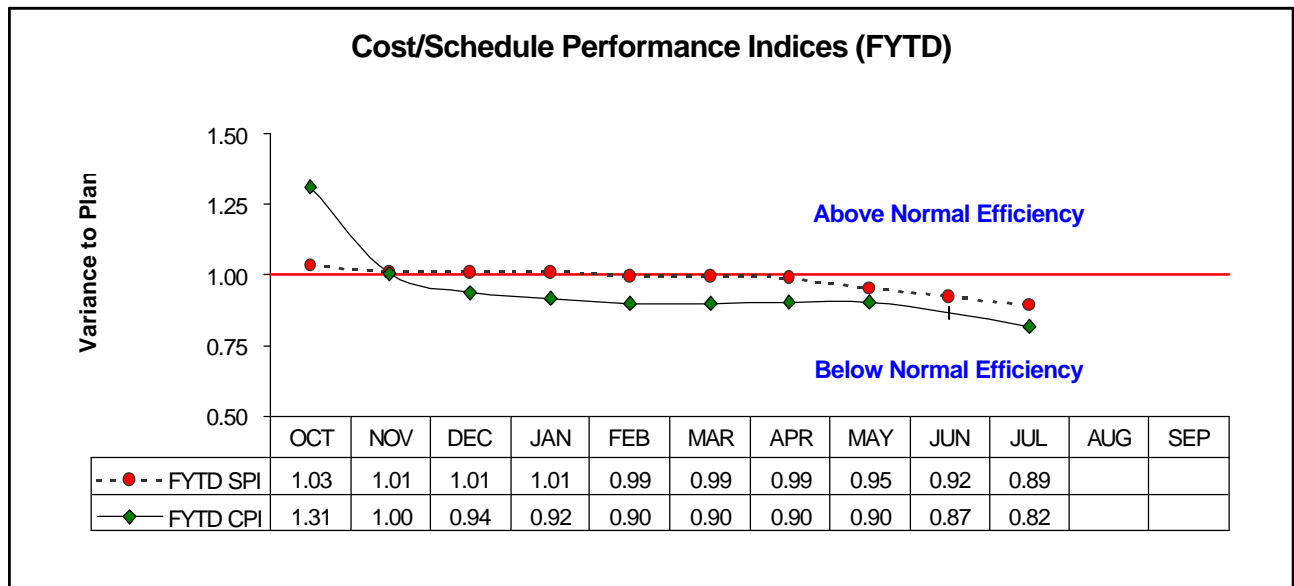
Cost Variance Analysis: (-\$3.8M)

Description/Cause: The \$3,832M (22 percent) unfavorable cost variance is driven by erroneously planning and accruing cost against the wrong cost account/B&R code. This condition was detected in May and efforts to correct it were undertaken. However, because budgeting protocol restrict the movement of budget between B&R codes, this condition is expected to persist for the balance of the year.

Impact: The impact of this unfavorable variance is limited to creating a monthly unfavorable cost variance. There is no impact to planned work scope.

Corrective Action: None.

SCHEDULE / COST PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT – FY 2001 TO DATE FUNDS VS SPENDING FORECAST (\$000)

	Funds	FYSF	Variance
1.8 Mission Support			
OT01			
Post 2006 - Operating	\$ 15,780	\$ 15,767	13
Total	\$ 15,780	\$ 15,767	\$ 13

ISSUES

Technical Issues

Nothing to report at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY01 COST IMPACT	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
		Nothing to report							
ADVANCE WORK									
		Nothing to report							

KEY INTEGRATION ACTIVITIES

Nothing to report.